

Carroll High School – Lesson Plans

Teacher: Tracy Hawkins - Week of 9-10-18 to 9-14-18

Subject: Algebra II	Monday	Tuesday	Wednesday	Thursday	Friday
ACCRS:	* 14 – Derive the formula for the sum of an infinite geometric series and use the formula to solve problems *27 – Recognize that sequences are functions	* 14 – Derive the formula for the sum of an infinite geometric series and use the formula to solve problems *27 – Recognize that sequences are functions	*14, 23, 27, and 28	* 14 – Derive the formula for the sum of an infinite geometric series and use the formula to solve problems *27 – Recognize that sequences are functions	* 20 - Create equations and inequalities in one variable and use them to solve problems *24-Solve simple rational and radical equations in one variable, and give examples showing how extraneous solutions may arise
Before:	*Think Pair Share on Geometric Sequences *Word problem examples	*Go over quiz	*Answer questions on homework	*Answer questions before test	*Warm Ups solving simple equations and absolute value questions
During:	*Students will take quiz on Geometric Sequences	*Students will work in groups on word problems and start working on Review problems for Unit 1 tEst	*Students will work with partners on review problems from Unit 1	*Students will take Unit 1 Test	*Teacher will work with students reviewing solving equations with fractions and absolute value equations *Stamp Activity
After:	*Students will begin working on Sequence word problems	*None	*None	*None	*Students will work independently on problems
Desired Outcome:	Students will be able to find the nth terms, geometric means, and partial sums of geometric sequences	Students will be able to find the nth term and sum of geometric and arithmetic sequences & solve problems using them	Students will be able to find the nth term and sum of geometric and arithmetic sequences & solve problems using them	Students will be able to find the nth term and sum of geometric and arithmetic sequences & solve problems using them	Students will be able to solve equations with fractions and absolute value equations
Formative/ Summative:	*Feedback during class *Quiz on Geometric Sequences	*Feedback during group work	*Feedback during class work	*Unit 1 Test	*Feedback during lesson *Stamp Activity
Higher Order Questions:	*What still confuses me about Geometric Sequences and series?	*What still confuses me about Arithmetic & Geometric Sequences and series?	*What still confuses me about Arithmetic & Geometric Sequences and series?	*None	*How are symbols useful in mathematics? *What mathematical symbols do you know?
Homework:	Word Problems	Word Problem Worksheet	Finish Review sheet and study for Unit 1 Test	None	Worksheet with 10 problems